

**TENDER CALL NOTICE-02/ 2020-21**

Sealed Tenders in duplicate are invited by the undersigned from experienced contractors having valid HT/MV license & Civil license, PAN, updated GST Registration certificate for **Supply & Erection of Galvanized Octagonal Street Light Poles alongwith Supply & fixing of 100W Street lights complete fittings at different Grid Sub-stations under EHT(O&M) Division, Kesinga as follows.**

SI No	Specification	Unit	Quantity
1	<p>Supply and erection of Galvanized octagonal pole, which shall be single pole section. There shall not be any circumferential weld joint. The pole shall be hot deep galvanized as per I.S.-2629 I.S.-2633/I.S.-4799 standard with average coating thickness of 70micron. The galvanization shall be done in single Deeping. The pole shall be bolted on precast foundation with a set of four foundation bolts for greater rigidity. The galvanized mounting single armed bracket shall be supplied along with the pole for installation of the luminaries as per the design. The pole shall have door of approximate 500mm length at the elevation of 500mm from the base plate. The door shall have be vandal resistance and shall be weather proof to ensure the safety of inside connection. The door shall be flush with the extension surface and shall have suitable locking arrangement with 4pin loop in loop out system with 16 amps MCB &amp; connector arrangement. There shall be suitable arrangement. There shall be also suitable arrangement for the purpose of earthling the poles shall be adequately strengthened at location of door to compensate for loss in section.</p> <p><b>Specification of pole:</b> Height of pole: 7Mtr., Top Dia: 70mm, Bottom Dia: 135mm, thickness of sheet:3mm, Base plate dimension:(LxBxT) 275mmx275mmx16mm, Foundation of pole Steel grade EN-8, Bolt Size-(NoxDia) 4x24mm, Pitch Circle dia: 270mm, Bolt length: 650mm &amp; Projected bolt length: 125mm, Single arm designer bracket length: 1Mtr. Long.</p>	Nos	26
2	<p>Supply &amp; fixing of lighting fixture of 100watt LED street light (Havells/Crompton greaves/Phillips/Bajaj Make) having power coated pressure dia cast Aluminium housing clear toughened glass having following specification. LED LM80 certified high power LED, Lens: Suitable secondary lens for better light distribution, Gear: Integral electronic constant current driver of min 85% efficiency, Internal wiring: Teflon insulated, Cu Conductor, Hardware: SS&amp; MS Zinc plated &amp; passivated , Ingress Protection: IP 66 and above, Lumen Maintenance: 50,000 Hrs @ L70, Operating Temperature: 10° C to 50° rated Voltage: 240V, 50Hz AC, Wattage: 90±10%, Current: ,0.43A, PF:&lt;10%, Lumen: 7700Lm, Efficiency:&gt;85Lm/W, CCT:5700K, CRI:&gt;70, Weight: 4.Kg. Protections: Open &amp; Short Circuit protection, reverse polarity operation &amp; Surge protection.</p>	Sets	26
3	<p>Supply, trenching &amp; laying of 25 sq mm x 3.5 core armour cable, cable must be run in one feet depth inside of duct, soil and bricks, cushin, refilling of soil as before.(Havells/equivalent ISI brand)</p>	Mtr.	650
4	<p>Supply &amp; fixing of 1.5 Sq. mmx3Core Copper Flexible(Un-armoured) cable for connect LED light from power cable.(havells/Equivalent ISI brand)</p>	Mtr.	200

5	Foundation: Supply of all materials, labour, T&P and transportation for providing earth work, filling in foundation with clean coarse river sand , M20 grade RCC using 12mm size hard granite stone chips with centering, sheltering including cutting, binding and lying the grills and cost of MS Rod, Binding wire, providing 6mm thick cement plaster finished smooth over RCC surface, painting two coat of paint with weather proof cement paint over one coat of primer and carriage of excavated materials with 5Kms lead by mechanical means cost, conveyance, royalty, taxes etc. all complete as per the OPWD specification and direction of Engineer-in Charge(Approximately(1cum)/set)	Sets	26
6	Pipe earthing including excavation of earth, treatment of bentonate compound, back filling with borrowed earth, terminating to earth mat riser by nut bolting, apply of paint where necessary with supply of all labour and T&P as per ISS-3043, but with excavation of Morrum and laterite layer (with cost of earthing pipe(50mm dia 3050mm length medium gauge)and (50x6mm) GI flat.	Per Set	3
7	Excavation (depth upto 1ft.) & back filling with sand / loose soil for laying of cable as per instruction of Engineer-In-Charge and disposal of surplus excavated earth (after back filling) and laying and termination of cable (0.3mtr x 0.3mtr x 512.6mtr) = 46.13cum	Cum	46.13
8	Supply & fixing of GI terminal box of size-100mmX100mm wth its cover & screws	Nos	26

The tender paper can be made available in the office of the undersigned on written request and payment of requisite amount **Rs.4000.00+480.00(12% GST)=Rs.4480.00** towards cost of tender paper by cash/ Bank draft drawn in favour of DGM, E.H.T. (O&M) Division, OPTCL, Kesinga, payable at Kesinga in any Nationalized Bank. Additional amount of Rs. 100/- (Rupees one hundred) only may be paid for postal delivery of Tender paper. The undersigned shall not be held responsible for any postal delay.

The bid must be accompanied with an amount **Rs.7732.00** as EMD in shape of DD only drawn in favour of DGM, E.H.T. (O&M) ) Division,OPTCL, Kesinga, payable at Kesinga in any Nationalized Bank, and will be opened in presence of Tenderers or their authorised representatives possessing original authorisation letter. Incomplete Tender and Tender without EMD shall be rejected.

**Date of Sale of Tender Paper: From 05.03.2021 to 17.03.2021 (Up to 1.00 PM)**

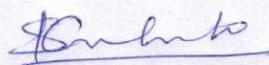
**Last Date of receipt of Tender Paper: 17.03.2021 up to 02.00 PM.**

**Date of Opening of Tender Paper: 17.03.2021 at 4.30 PM.**

If the last date of receipt/opening of Tender falls on a Holiday, then the tender paper will be received/ opened in the next working days.

The undersigned reserves the right to accept or reject any or all tenders without assigning any reason thereof.

For details, Please visit our website-[www.optcl.co.in](http://www.optcl.co.in). Corrigendum if any will be published in the website only.



**DGM, EHT (O&M) Division, Kesinga.**